

2/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

09086524 Supplier Number: 79152663 (USE FORMAT 7 FOR FULLTEXT)
INCUBATING THE FUTURE. (Brief Article)
YOUN, JACY L.
Hawaii Business, v48, n4, p25
Oct, 2001
Language: English Record Type: Fulltext
Article Type: Brief Article
Document Type: Magazine/Journal; Trade
Word Count: 698

... Cyanotech Corp.
Enzamin USA Inc.
Verizon Wireless
Hawaii Deep Marine Water Plant L.P.
Hawaii *Deep* *Ocean* *Water* LLC
High *Health* Aquaculture Inc.
Indo-Pacific Sea Farms
Kona Bay Oyster & Shrimp Co.
Kona Cold Lobsters Ltd...

2/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

08245960 Supplier Number: 69438948 (USE FORMAT 7 FOR FULLTEXT)
BRIEFING - ASIA JOINT VENTURES - JAN 24, 2001.
AsiaPulse News, p0515
Jan 24, 2001
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 666

... in Calgary and Alberta, Canada, A Brown said.
JAPAN'S KEIHIN RAIL, TAISEI TO PUMP '*HEALTHY*' *DEEP* *SEA* *WATER*'
TOKYO - Keihin Electric Railway Co. (TSE:9006), major contractor
Taisei Corp. (TSE:1801) and two...

2/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

08245903 Supplier Number: 69438891 (USE FORMAT 7 FOR FULLTEXT)
JAPAN'S KEIHIN RAIL, TAISEI TO PUMP '*HEALTHY*' *DEEP* *SEA* *WATER*.
AsiaPulse News, p0457
Jan 24, 2001
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 235

JAPAN'S KEIHIN RAIL, TAISEI TO PUMP '*HEALTHY*' *DEEP* *SEA* *WATER*.

2/3,K/4 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

28622643 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Singapore to be asked why it let cruise ship sail
NEW STRAITS TIMES (MALAYSIA)

April 15, 2003

JOURNAL CODE: FNST LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 193

NAICS CODES/DESCRIPTIONS: 92312 (Admin of Public *Health* Programs); 48311 (*Deep* *Sea* Coastal & Great Lakes *Water* Transportation); 483112 (Deep Sea Passenger Transportation); 48 (Transportation & Warehousing); 483 (Water Transportation)

2/3,K/5 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

28614824

Eves Government says Ontario is safe and friendly - Supports tourism

CANADA NEWSWIRE

April 14, 2003

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 350

NAICS CODES/DESCRIPTIONS: 92611 (Admin of General Economic Programs); 92312 (Admin of Public *Health* Programs); 48311 (*Deep* *Sea* Coastal & Great Lakes *Water* Transportation); 483111 (Deep Sea Freight Transportation); 92811 (National Security); 48 (Transportation & Warehousing); 813212 (Voluntary Health...

2/3,K/6 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

28590431

FED: Luxury ship docks in Sydney, cancels Asia trip due to SARS

Melissa Jenkins

AAP NEWS

April 13, 2003

JOURNAL CODE: WAAP LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 311

NAICS CODES/DESCRIPTIONS: 92312 (Admin of Public *Health* Programs); 48311 (*Deep* *Sea* Coastal & Great Lakes *Water* Transportation); 483112 (Deep Sea Passenger Transportation); 48851 (Freight Transportation Arrangement); 48 (Transportation & Warehousing); 488 (Transportation...

2/3,K/7 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

28510858 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Why 'Port Health' is still needed

LLOYDS LIST

April 09, 2003

JOURNAL CODE: FLL LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 598

NAICS CODES/DESCRIPTIONS: 92312 (Admin of Public *Health* Programs); 48311 (*Deep* *Sea* Coastal & Great Lakes *Water* Transportation); 483112 (Deep Sea Passenger Transportation); 62211 (General Medical & Surgical Hospitals); 62 (Health Care & Social...

2/3,K/8 (Item 5 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

28311856

The World cruise liner turns around due to SARS

Jordan Baker

AAP NEWS

March 27, 2003

JOURNAL CODE: WAAP LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 240

NAICS CODES/DESCRIPTIONS: 92312 (Admin of Public *Health* Programs); 48311 (*Deep* *Sea* Coastal & Great Lakes *Water* Transportation); 483112 (Deep Sea Passenger Transportation); 71394 (Fitness & Recreational Sports Centers); 48 (Transportation & Warehousing); 483...

2/3,K/9 (Item 6 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

28311854

Qld: The World turns around due to SARS

Jordan Baker

AAP NEWS

March 27, 2003

JOURNAL CODE: WAAP LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 241

NAICS CODES/DESCRIPTIONS: 92312 (Admin of Public *Health* Programs); 48311 (*Deep* *Sea* Coastal & Great Lakes *Water* Transportation); 483112 (Deep Sea Passenger Transportation); 71394 (Fitness & Recreational Sports Centers); 48 (Transportation & Warehousing); 483...

2/3,K/10 (Item 7 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

27409792 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Taiwan's Beverage Sales Projected at US\$1.34 Billion in 2003

TAIWAN ECONOMIC NEWS

February 06, 2003

JOURNAL CODE: WTEN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1060

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... million). Insiders explain that the market for sports drinks has been eroded by so-called "*deep* *sea* *water*" and "*healthy* *water*" drinks, which contain more minerals. A senior executive of Hey Song Corp. predicts that more...

2/3,K/11 (Item 8 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

25711548

Germ outbreak

Rajiv Maharaj

ABIX - AUSTRALASIAN BUSINESS INTELLIGENCE - NORTHERN TERRITORY NEWS, p2

October 26, 2002

JOURNAL CODE: WNTN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 60

NAICS CODES/DESCRIPTIONS: 92312 (Admin of Public *Health* Programs);
483111 (*Deep* *Sea* Freight Transportation); 22131 (*Water* Supply &
Irrigation Systems)

2/3,K/12 (Item 9 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

25004540 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Salty source of income *Health* conscious develop thirst for *deep*--*sea*
water
YOMIURI SHIMBUN/DAILY YOMIURI
September 18, 2002
JOURNAL CODE: FYOM LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1364

(USE FORMAT 7 OR 9 FOR FULLTEXT)
Salty source of income *Health* conscious develop thirst for *deep*--*sea*
water

... blood.
Masao Ono, a professor at Kochi University and author of a book
extolling the *health* benefits of *deep*--*sea* *water*, said regular
seawater cools in the North Atlantic and then sinks to a depth of...

...to 6.4 percent in 2001.
Part of its popularity has been attributed to its *health* benefits.
Deep--*sea* *water*, for example, is said to be good for people suffering
from atopic dermatitis.
According to...

2/3,K/13 (Item 10 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

24996267 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Salty source of income Health conscious develop thirst for
YOMIURI SHIMBUN/DAILY YOMIURI
September 18, 2002
JOURNAL CODE: FYOM LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1375

(USE FORMAT 7 OR 9 FOR FULLTEXT)

Salty source of income *Health* conscious develop thirst for *deep*--
sea *water*

Kahori Sakane Daily Yomiuri Staff Writer
... blood.
Masao Ono, a professor at Kochi University and author of a book
extolling the *health* benefits of *deep*--*sea* *water*, said regular
seawater cools in the North Atlantic and then sinks to a depth of...

...to 6.4 percent in 2001.
Part of its popularity has been attributed to its *health* benefits.
Deep--*sea* *water*, for example, is said to be good for people suffering
from atopic dermatitis.
According to...

2/3,K/14 (Item 11 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

14498440 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Ship Services to North Sri Lanka Restored

XINHUA (COMTEX)

January 03, 2001

JOURNAL CODE: WXIN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 219

NAICS CODES/DESCRIPTIONS: 813212 (Voluntary *Health* Organizations); 92812 (International Affairs); 48311 (*Deep* *Sea* Coastal & Great Lakes *Water* Transportation)

2/3,K/15 (Item 12 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

09934916 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Shipbuilding & Technology: United States: Medserve Live system keeps doctor on call for sea patients

LLOYDS LIST, p6

March 02, 2000

JOURNAL CODE: FLL LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 434

NAICS CODES/DESCRIPTIONS: 621111 (Offices of Physicians exc Mental *Health*); 48311 (*Deep* *Sea* Coastal & Great Lakes *Water* Transportation); 33422 (Radio TV Broadcast & Wireless Communications Equipment Mfg)

2/3,K/16 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-Eplus

(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

05237364 JICST ACCESSION NUMBER: 02A0701981 FILE SEGMENT: JICST-E

Investigation Report of Possibility to Create Industry by utilizing the Yanbaru Ocean Deep Water. The Fiscal Year of 2001. (Okinawa General Office in Cabinet Bureau. S).

Nanseichiikisangyokasseikase

Yanbaru Kaiyo Shinsosui no Rikatsuyo ni yoru Sangyo Soshutsu Kanosei Chosa Hokokusho. Heisei 13 Nendo, 2002, PAGE.84P, FIG.19, TBL.18

JOURNAL NUMBER: N20021739P

UNIVERSAL DECIMAL CLASSIFICATION: 711.12+711.16

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

...ABSTRACT: in Kunigami-mura, and basic policy for improving Kunigami-mura area). 2) Characteristics of ocean *deep* *water*. 3) *Ocean* *deep* *water* related industries (*ocean* deep *water* related goods, *health* related fields, agriculture, fisheries, and the whole trend). 4) Present conditions of existing ocean deep...

2/3,K/17 (Item 2 from file: 94)

DIALOG(R)File 94:JICST-Eplus

(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

05144203 JICST ACCESSION NUMBER: 02A0392986 FILE SEGMENT: JICST-E

Functional elucidation in the field of health and safty. 1. Evaluation of cleanliness and safty. 1-1. Evaluation of cleanliness related to environmental pollutant.

ISHII TAKAO (1); KAWATA TSUNEHITO (1); TAUE SAKAE (1); CHIKAZAWA HIROSHI (1); HIRAMATSU SAHO (1); KANEDA TAEKO (1); YASUOKA TOMIHISA (1);

TAKAHASHI MAKOTO (1); SEMBA HIROSHI (1)
(1) Public Health Inst. of Kochi Prefect.
Muroto Kaiyo Shinsosui no Tokusei Haaku oyobi Kino Kaimei. Heisei 10-12
Nendo. 3nenkan Zentai, 2001, PAGE.251-261, FIG.1, TBL.12, REF.3
JOURNAL NUMBER: N20020651X
UNIVERSAL DECIMAL CLASSIFICATION: 614.777:628.19:551.464 614.73+614.876
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

ABSTRACT: In order to elucidate the function in the field of *health* and
safty in Muroto *deep*-*sea* *water*, Evaluation of cleanliness rerated
to environmenal pollutant was conducted. In microbiological inspection,
22 kinds of...

2/3,K/18 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

02978862 SUPPLIER NUMBER: 04571282 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Taming the wilderness; form the foot of Mt. Kenya to the Prince of Wales
Island, clients can find luxurious living in the most unlikely places.
(Travel Weekly's Focus on Luxury Travel)**
Falon, Janet Ruth; Hunt, Carla
Travel Weekly, v45, p20(7)
Nov 30, 1986
ISSN: 0041-2082 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 3473 LINE COUNT: 00267

... fresh-water pool. Other facilities include tennis courts and
bowling green, with gym, spa and *health* club to be added.
Deep-*sea* diving, sailing, *water* skiing, para-sailing and sports
fishing are available. There are Great Barrier Reef cruises with...

2/3,K/19 (Item 1 from file: 180)
DIALOG(R)File 180:Federal Register
(c) 2003 format only The DIALOG Corp. All rts. reserv.

DIALOG Accession Number: 02291006 Supplier Number: 931102157
Fact Sheet For the Multi-Sector Stormwater General Permit
Volume: 58 Issue: 222 Page: 61146
CITATION NUMBER: 58 FR 61146
Date: FRIDAY, NOVEMBER 19, 1993

2/3,K/20 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

07274229 **Image available**
INSTANT COOKED RICE HAVING GERMINATION ACTIVITY

PUB. NO.: 2002-142692 [JP 2002142692 A]
PUBLISHED: May 21, 2002 (20020521)
INVENTOR(s): KOTANI KAZUHIRO
KOTANI ICHIRO
APPLICANT(s): KOTANI KAZUHIRO
KOTANI ICHIRO
APPL. NO.: 2000-338715 [JP 2000338715]
FILED: November 07, 2000 (20001107)

ABSTRACT

Karen Lehman EIC 3600 April 17, 2003

...number of natural minor elements existing in deep ocean water, realizing the mineral balance of *deep* *ocean* *water* and suitable as a *health* food by processing cereal to a state having highest germination activity and fixing the state...

2/3,K/21 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05670469 **Image available**
PROCESSED FOOD AND QUASI-DRUG COMPOUNDED WITH DEEP WATER OF SEA

PUB. NO.: 09-285269 [JP 9285269 A]
PUBLISHED: November 04, 1997 (19971104)
INVENTOR(s): MATSUMURA FUMIKO
APPLICANT(s): MATSUMURA FUMIKO [000000] (An Individual), JP (Japan)
APPL. NO.: 08-100828 [JP 96100828]
FILED: April 23, 1996 (19960423)

ABSTRACT

... intake of calcium, minerals and natural salt, having high quality and processability and good for *health* can be produced by compounding *deep* *water* of the *sea* to a processed food raw material base and a quasi-drug raw material base. The...

2/3,K/22 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014992567 **Image available**
WPI Acc No: 2003-053082/200305
XRAM Acc No: C03-013683

Manufacture of *healthy* salt from ocean *deep* *water*, involves separating *ocean* deep *water* by electrodialysis or chemical precipitation and separate-recovering potassium chloride by temperature difference crystallization

Patent Assignee: HITACHI LTD (HITA)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002306118	A	20021022	JP 2001116293	A	20010416	200305 B

Priority Applications (No Type Date): JP 2001116293 A 20010416
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2002306118 A 12 A23L-001/237

Manufacture of *healthy* salt from ocean *deep* *water*, involves separating *ocean* deep *water* by electrodialysis or chemical precipitation and separate-recovering potassium chloride by temperature difference crystallization

2/3,K/23 (Item 2 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014405329 **Image available**
WPI Acc No: 2002-226032/200228
XRPX Acc No: N02-173423

Floating swimming pool on sea, has deep sea water collecting device with pump for supplying deep sea water collected by intake pipe, to pool
Patent Assignee: KEINII KK (KEIN-N); MIZUTANI M (MIZU-I)

Inventor: MIZUTANI M

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020020010	A1	20020221	US 2001933517	A	20010820	200228 B
JP 2002059893	A	20020226	JP 2000250091	A	20000821	200231

Priority Applications (No Type Date): JP 2000250091 A 20000821

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020020010	A1		13	E02D-027/00	
JP 2002059893	A		10	B63B-035/73	

Abstract (Basic):

... Promotes health and beneficial effect on *health* and beauty by
bathing in *deep* *sea* *water* of open sea. The extensions in the
bottom of the pool, prevent sharks from approaching...

2/3,K/24 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2003 American Chemical Society. All rts. reserv.

137200647 CA: 137(14)200647a PATENT

Electrolyzed deep-sea water for improving constipation

INVENTOR(AUTHOR): Kakuta, Sahoe; Oki, Shunichi; Komai, Tamotsu

LOCATION: Japan,

ASSIGNEE: Toyama Chemical Co., Ltd.; Toyama Prefecture

PATENT: Japan Kokai Tokkyo Koho ; JP 2002262829 A2 DATE: 20020917

APPLICATION: JP 200164454 (20010308)

PAGES: 4 pp. CODEN: JKXXAF LANGUAGE: Japanese CLASS: A23L-001/30A;
A23L-001/304B; A23L-002/52B; A23L-002/38B; A61K-031/047B; A61K-033/00B;
A61P-001/10B

2/3,K/25 (Item 2 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2003 American Chemical Society. All rts. reserv.

135357103 CA: 135(25)357103b PATENT

Deep-sea water for manufacturing bread

INVENTOR(AUTHOR): Kato, Ichiro; Nagai, Yoshihiko

LOCATION: Japan,

ASSIGNEE: Toyama Prefecture; Daiichi Shokuhin K. K.

PATENT: Japan Kokai Tokkyo Koho ; JP 2001321062 A2 DATE: 20011120

APPLICATION: JP 2000145253 (20000517)

PAGES: 4 pp. CODEN: JKXXAF LANGUAGE: Japanese CLASS: A21D-002/02A;
A21D-013/00B; A23L-001/304B

2/3,K/26 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2003 American Chemical Society. All rts. reserv.

132107213 CA: 132(9)107213t PATENT

Mineral water and health beverage

INVENTOR(AUTHOR): Furuhashi, Kuniichi; Shibata, Hisanari; Oki, Shunichi

LOCATION: Japan,

ASSIGNEE: Toyama Chemical Co., Ltd.; Toyama Prefecture

PATENT: Japan Kokai Tokkyo Koho ; JP 200023646 A2 DATE: 20000125

APPLICATION: JP 99120184 (19990427) *JP 98122095 (19980501)

PAGES: 5 pp. CODEN: JKXXAF LANGUAGE: Japanese CLASS: A23L-002/00A;
A23L-002/52B; C02F-001/46B; C02F-001/68B

2/3,K/27 (Item 1 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext
(c) 2003 Financial Times Ltd. All rts. reserv.

0010573817 ACxxxxxx0288

HOW TO SPEND IT: Below the surface Holly Finn plumbs the depths of Shu
Uemura's unique aquatic cosmetics

HOLLY FINN

The Financial Times, London Edition 1.ED, P 11

Saturday, October 21, 2000

DOCUMENT TYPE: NEWSPAPER; Features LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT

Word Count: 568

It is a combination which seems to please both fish (they grow bigger, and
healthier) and people. Drinkable *deep* *sea* mineral *water*, called
"magic water" by some, is already a hot commodity in Japan. Development of
further...

2/3,K/28 (Item 1 from file: 728)
DIALOG(R)File 728:Asia/Pac News
(c) 2003 Dialog Corporation. All rts. reserv.

01539415 (USE FORMAT 7 FOR FULLTEXT)

Salty source of income *Health* conscious develop thirst for *deep*--*sea*
water

Kahori Sakane Daily Yomiuri Staff Writer

The Daily Yomiuri, p15

Wednesday September 18 2002 DOCUMENT TYPE: Newspaper LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1,351

Salty source of income *Health* conscious develop thirst for *deep*--*sea*
water

... blood.

Masao Ono, a professor at Kochi University and author of a book
extolling the *health* benefits of *deep*--*sea* *water*, said regular
seawater cools in the North Atlantic and then sinks to a depth of...

...to 6.4 percent in 2001.

Part of its popularity has been attributed to its *health* benefits.
Deep--*sea* *water*, for example, is said to be good for people suffering
from atopic dermatitis.

According to...

2/3,K/29 (Item 2 from file: 728)
DIALOG(R)File 728:Asia/Pac News
(c) 2003 Dialog Corporation. All rts. reserv.

00997498 (USE FORMAT 7 FOR FULLTEXT)

Deep-sea water finding its way into food, drinks, cosmetics. High Mineral
Content, Few Germs Appeal To Health Conscious

The Nikkei Weekly, p17

October 11 1999 DOCUMENT TYPE: Newspaper LANGUAGE: English

RECORD TYPE: Fulltext SECTION HEADING: ISSUES & PEOPLE

WORD COUNT: 319

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...waters is rich in minerals, including magnesium, and contains few germs.
Since last year, this *deep*--*sea* *water* has attracted the attention of
health--conscious consumers.

2/3,K/30 (Item 1 from file: 993)
DIALOG(R)File 993:NewsRoom 2002/Jan-Dec
(c) 2003 The Dialog Corporation. All rts. reserv.

0546007061 160406WN

AP Top News at 11:17 p.m. EST

AP Online

Wednesday, November 20, 2002

JOURNAL CODE: ALHY LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Newswire

WORD COUNT: 686

...terrorism and called his economic plan "a catastrophic failure." That gives Democrats "an excellent chance" *to* *win* *the* *White* *House* in 2004, whoever their nominee *is*, he said. "Now the warlords are back in control, the Taliban is back in (Afghanistan...

2/3,K/31 (Item 2 from file: 993)
DIALOG(R)File 993:NewsRoom 2002/Jan-Dec
(c) 2003 The Dialog Corporation. All rts. reserv.

0513525525 15Y30SXN

Salty source of income *Health* conscious develop thirst for *deep*--*sea*
water

Kahori Sakane Daily Yomiuri Staff Writer

Daily Yomiuri (Japan), p15

Wednesday, September 18, 2002

JOURNAL CODE: ACJQ LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Newspaper

WORD COUNT: 1,425

Salty source of income *Health* conscious develop thirst for *deep*--*sea*
water

...blood.

Masao Ono, a professor at Kochi University and author of a book extolling the *health* benefits of *deep*--*sea* *water*, said regular seawater cools in the North Atlantic and then sinks to a depth of...

...to 6.4 percent in 2001.

Part of its popularity has been attributed to its *health* benefits. *Deep*--*sea* *water*, for example, is said to be good for people suffering from atopic dermatitis.

According to...

2/3,K/32 (Item 1 from file: 994)
DIALOG(R)File 994:NewsRoom 2001
(c) 2003 The Dialog Corporation. All rts. reserv.

0202010652 15AN0AEV

JAPAN S KEIHIN RAIL, TAISEI TO PUMP *HEALTHY* *DEEP* *SEA* *WATER*

ASIA PULSE

Wednesday, January 24, 2001

JOURNAL CODE: AGJX LANGUAGE: ENGLISH RECORD TYPE: Fulltext

DOCUMENT TYPE: Newswire ISSN: 0739-0548

WORD COUNT: 234

JAPAN S KEIHIN RAIL, TAISEI TO PUMP *HEALTHY* *DEEP* *SEA* *WATER*

2/3,K/33 (Item 2 from file: 994)
DIALOG(R)File 994:NewsRoom 2001
(c) 2003 The Dialog Corporation. All rts. reserv.

0202010638 15AN0AEF

JAPANESE MORNING NEWSPAPER HIGHLIGHTS JAN 24, 2001

ASIA PULSE

Wednesday, January 24, 2001

JOURNAL CODE: AGJX LANGUAGE: ENGLISH RECORD TYPE: Fulltext

DOCUMENT TYPE: Newswire ISSN: 0739-0548

WORD COUNT: 271

TEXT:

...Forecast - Titanium Oxide Makers Expect Rise In Group Op Profit - Keihin
Rail, Taisei To Pump '*Healthy*' *Deep* *Sea* *Water*' - Misawa Homes To
Hasten Taking Dealers Public - Matsushita To Double Mobile Phone Vibrator
Output Capacity...

?

2/7/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

08245903 Supplier Number: 69438891 (THIS IS THE FULLTEXT)
JAPAN'S KEIHIN RAIL, TAISEI TO PUMP '*HEALTHY*' *DEEP* *SEA* *WATER*.
AsiaPulse News, p0457
Jan 24, 2001
TEXT:

TOKYO, Jan 24 Asia Pulse - Keihin Electric Railway Co. (TSE:9006), major contractor Taisei Corp. (TSE:1801) and two other companies will jointly begin taking deep sea water off the coast of Miura, Kanagawa Prefecture, from this spring, sources close to the matter said Tuesday.

Because sea water taken from 200 meters or deeper beneath the surface is rich in minerals and less contaminated than surface water, it is being used in producing health food, cosmetics and others.

Keihin, Taisei, a cosmetic sales firm and a subsidiary of Mitsui & Co. (TSE:8031) will spend more than 1 billion yen (US\$8.6 million) on installing a pumping and desalination facility on the grounds of Keikyu Aburatsubo Marine Park, an aquarium owned by the railway company.

The four partners will set up a joint venture next month to oversee the pumping of 1,000 tons of the water per day.

The business of pumping deep sea water has been commercialized off the coasts of Kochi, Toyama, Okinawa and other prefectures on expectations that demand for the water will increase.

A water pumping system using pneumatic pressure which was developed by Taisei will be used at the new facility. Unlike water pumped by similar systems which use mechanical pumps that need to be oiled and greased, that pumped at the new facility will be less in danger of contamination toxic materials, the firms claim.

COPYRIGHT 2001 Asia Pulse Pte Ltd
COPYRIGHT 2001 Gale Group

2/7/10 (Item 7 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

27409792 (THIS IS THE FULLTEXT)
Taiwan's Beverage Sales Projected at US\$1.34 Billion in 2003
TAIWAN ECONOMIC NEWS
February 06, 2003

Sales of beverages in Taiwan are expected to reach NT\$47 billion (US\$1.34 billion at NT\$35:US41) this year, 2.6% more than last year, despite the sluggishness of the domestic economy. Chilled tea drinks achieved sales of NT\$13.5 billion (US\$385.7 million) in 2002 to account for 28.8% of the total beverage market. The second-largest segment in the market was carbonated beverages, while fruit and vegetable juices ranked third. Mineral water, coffee, sports beverages, and special beverages ranked fourth, fifth, sixth, and seventh, respectively. These figures are based on statistics compiled by the Ministry of Economic Affairs, Directorate General of Customs, and the Taiwan Beverage Industries Association. The numbers reveal changes in the drinking habits of Taiwan's people

Sales of carbonated beverages, for example, totaled NT\$8.5 billion (US\$243 million) last year, marking a decline of 1.7%. Coffee also suffered a drop of 2%, to NT\$5.1 billion (US\$145.7 million), despite the testing of the market for foreign coffee brands by convenience stores and the introduction of coffee drinks in plastic bottles

Sales of fruit and vegetable juices, by contrast, rose 10% last year to NT\$7.55 billion (US\$215.7 million). This improvement was largely due to increased sales of tomato juice, which soared almost 170% as local beverage suppliers such as Uni-President Enterprises, AGV Products, and Wei-Chuan Foods introduced more than 40 tomato-juice products. Tomato juice became

popular because of reports that the lycopene which it contains is an effective anti-cancer agent

Industry insiders think that sales of tomato-juice products may double again this year, and predict that other such fruit/vegetable-juice products, featuring flavors novel to local palates, will be introduced to the domestic market during 2003

Orange juice remained the biggest seller last year, however, with 23% of the total fruit and vegetable juice segment

Sports drinks suffered the largest decline in the beverage market in 2003, with a drop of 8.8% to NT\$3.1 billion (US\$88.6 million). Insiders explain that the market for sports drinks has been eroded by so-called " *deep* *sea* *water*" and " *healthy* *water*" drinks, which contain more minerals. A senior executive of Hey Song Corp. predicts that more of these beverages, which are promoted as being healthier, will be launched on the Taiwan market this year

In a bid to stimulate sales, the 87 local beverage makers introduced a total of 537 new products last year. Uni-President alone launched 72. The 27 importers of foreign beverages launched 195 new beverage products to Taiwan in 2002. For example, 7-Eleven introduced UCC coffee and another importer brought in Suntory's BOSS coffee. The introduction of more and more foreign beverages will lead to the growing internationalization of Taiwan's beverage market in the years ahead. (JF, Jan. 2003) KMT, PFP leaders to discuss cooperation in 2004 OPPOSITION Kuomintang (KMT) Chairman Lien Chan is expected to meet with People First Party (PFP) Chairman James Soong before Feb. 15 to discuss the cooperation between the two parties in the 2004 presidential elections, KMT sources said yesterday. The timetable for the meeting will be set soon after Lien returns from a private trip to Europe Thursday, the sources said. Prior to Lien's departure for Europe, the KMT decided to drop allegations of embezzlement against Soong in the run-up to the 2000 presidential elections--a move of which analysts said is a welcome gesture for the upcoming Lien-Soong meeting. In response, Soong told reporters that his party will definitely cooperate with the KMT in the upcoming presidential polls and that only one out of Lien or himself will run for the presidency. Analysts said if the two parties can jointly field a presidential ticket to run in the 2004, their chance of unseating the ruling Democratic Progressive Party (DPP) would be high. KMT Secretary General Lin Fong-cheng said he hopes that the PFP will support a ticket of Lien for the presidency with Soong as his running mate. * * * Top presidential aide, security officer to be sworn in NEWLY appointed Presidential Office's Secretary General Chiou I-jen and National Security Council's Secretary General Kang Ning-hsing will be sworn in today, officials said yesterday

President Chen Shui-bian will officiate at the swearing-in ceremony, which will take place at the Presidential Office. Chiou replaces Chen Shih-meng, who assumed his new post Feb. 1 as superintendent of the "Kaitakelan Institute"--a corporate institute established by the president aimed at nurturing politically adept young men and women for public service. Kang, vice defense minister until Jan. 31, filled the NSC vacancy left by Chiou. Kang's vacancy, meanwhile, was filled by Lin Chong-pin, who was an NSC adviser and a former vice chairman of the Cabinet-level Mainland Affairs Council. * * * Taiwanese newspapers to enter China via 'mini links' TAIWAN'S major daily newspapers now can be delivered to readers in mainland China just hours after they are published, instead of a day later, using the current routes of the "mini three links, business sources said yesterday. Hundreds of copies of Taiwan's newspapers will be flown to the small Taiwanese island of Kinmen before being quickly ferried by boat to the nearby coast of China's Fujian Province, said Wu Tseng-yun, a Kinmen-based businessman. The major dailies that are currently allowed to be imported into the mainland in the initial stage include the United Daily News, the Economic Daily News, the China Times and the Commercial Times, Wu said. Wu secured the distribution rights for the four dailies at the end of last month and will be the sole agent and distributor of the four dailies in Fujian Province. At present, the newspapers are flown to Hong Kong or Macau and then forwarded to China. This means readers receive their papers a day after they are printed in Taiwan. The new routing is the latest in a

string of moves strengthening the cross-strait relations, said Wu. * * * DPP leader leaves for U.S. national player breakfast SECRETARY General Chang Chun-hsiung of the ruling Democratic Progressive Party (DPP) left for Washington yesterday as the head of a Taiwan's delegation to the 51st National Prayer Breakfast. In addition to attending the Feb. 6 gathering, Chang, a former premier, will also meet with U.S. government officials, congressional leaders, U.S. think tank executives and Chinese community leaders in Washington. Members of the delegation include Chen Pi-chao and Huang Tien-lien, national policy advisors to the president, the Executive Yuan's Secretary General Liu Shih-fang, and DPP lawmakers Parris Chang and Cheng Kuo-cheng.

Copyright 2003 China Economic News Service. Source : Financial Times Information Limited (Trademark)

2/7/12 (Item 9 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

25004540 (THIS IS THE FULLTEXT)
Salty source of income *Health* conscious develop thirst for *deep*--*sea*
water
YOMIURI SHIMBUN/DAILY YOMIURI
September 18, 2002

Osaka -- Products made with deep-sea water, particularly bottled water, have become an integral part of the health food boom ever since the Muroto municipal government in Kochi Prefecture began selling local deep-sea water to private firms in 1995.

Other firms across the country have jumped onto the bandwagon, producing bottled water and foodstuffs containing deep-sea water, such as tofu, bread and confectionery.

Most firms used water pumped from the depths surrounding Japan. But a firm in Osaka imports its deep-sea water from Hawaii, where marine biotechnology is more advanced.

Deep-sea water can be found at depths of more than 300 meters. Because sunlight penetrates to maximum depth of 200 meters, it contains no bacteria.

In addition, its low temperature is maintained throughout the year. In Muroto, Kochi Prefecture, where the first pumping station opened in 1989, the water's temperature is a steady 11 C to 12 C all year round.

The water contains about 80 minerals, including nitrogen and phosphorus. The mineral content of deep-sea water is similar to that of body fluid, leading medical researchers to believe it has health-giving qualities, such as purifying blood.

Masao Ono, a professor at Kochi University and author of a book extolling the *health* benefits of *deep*--*sea* *water*, said regular seawater cools in the North Atlantic and then sinks to a depth of about 4,000 meters, where it flows gently across the ocean floor.

It reportedly takes about 2,000 years to reach a shallow enough depth to be pumped to the surface, Ono said.

In 2001, Shinwa Corp. set up an affiliate, Hawaii Deep Marine Inc., with the help of the Natural Energy Laboratory of Hawaii Authority (NELHA) to explore the commercial potential of deep-sea water.

NELHA, an ocean science and technology park that opened in 1974 at Keahole Point on the Big Island, supports new business ideas connected with the ocean.

Barbara Lee, the authority's leasing and tenant specialist, was part of a NELHA delegation attending a venture business convention in Osaka earlier this month.

Seawater pumped from about 600 meters below the surface off Keahole Point is used to make desalinated water of the type sold by Shinwa. It is also used to produce energy, in air-conditioning systems and to rear lobster, fish and shellfish and to grow vegetables normally associated with

cold climates in the tropics.

Shinwa and Nagato, a construction firm in Miyako, Iwate Prefecture, jointly invested 3 million dollars in their deep-sea water project, with the technical know-how coming from NELHA.

"It is difficult and expensive to begin a start-up in Japan, so we were introduced to NELHA, whose research into deep-sea water really helped us," said Motohiko Hori, who manages sales of Hawaii Deep Marine's bottled deep-sea water.

Some of the deep-sea water drinks available in Japan are made with small amounts of the water itself, while others contain water that has had its entire salt content removed and minerals added later.

Hori said his firm had managed to retain some of the water's original mineral content by using an osmotic pressure filter while the water is being desalted. As a result, theirs is the only 100 percent deep-sea water product on the market, he said.

After three years of tests at NELHA, Shinwa sold 24,000 1.5-liter bottles of water during a six-month trial at an Osaka department store last year.

Although one bottle costs 430 yen, about double the price of ordinary mineral water, the firm says it is confident the water will go on general sale at department stores in Osaka and Tokyo later this year.

The firm estimates it will earn 100 million yen from sales of the water during the first year, 15 million yen from salt extracted during desalination, and 30 million yen from nigari, a bitter water solution left over from the desalination process that is used to make tofu.

However, growing competition in the market for deep-sea water products could see Shinwa struggle to turn a profit.

"Our rival products are not those made in Japan," Hori said. "We want our water to attain brand recognition on a par with famous bottled mineral water."

The firm, which can desalinate 150 tons of deep-sea water in 20 hours, is also considering entering the South Korean, Chinese and U.S. markets.

It has applied to the U.S. Food and Drug Administration for permission to market its products in the United States, where mineral water is the third best-selling type of drink after soft drinks and milk.

Research suggests that consumption of mineral water in the United States will exceed that of milk over the next two years.

In Japan, annual output of bottled mineral water rose to 1,021,200 kiloliters in 2001, an increase of 6.8 times from 1990. Its share among all canned and bottled beverages also increased, from 1.4 percent in 1990 to 6.4 percent in 2001.

Part of its popularity has been attributed to its *health* benefits. *Deep*-sea water*, for example, is said to be good for people suffering from atopic dermatitis.

According to Ono, staff at Kochi Chuo Hospital, medical repeatedly applied deep-sea water to affected areas of dermatitis patients, who were not allowed to scratch the area, for five-minute periods.

If the water caused the skin to smart, it was diluted with two or three parts freshwater and reapplied.

The salt content was then removed from the affected area with soap. Moisturizer or steroid ointment was then applied to the dry patch of skin.

Some of the patients who continued the experiment up to twice a day showed improvement. The improvements were even more noticeable in those who continued the process for several months.

According to the hospital, the method brought relief to 61 percent of atopic dermatitis patients.

The number of private firms in Kochi Prefecture using deep-sea water provided by the municipal government since October 1995 stood at 110 in 2001.

Firms in Muroto pay 500 yen per ton, while those outside the city pay 600 yen. The desalinated version costs 5,100 yen per ton in Muroto and 6,100 yen elsewhere.

Masaru Hashimoto, a prefectural government official, said sales of deep-sea water products peaked in 2000 at 10.5 billion yen. Sales dipped last year to 9.04 billion yen, he said.

"One reason for the decrease is the business slump," Hashimoto said. "Another is that consumer demand for deep-sea water has stabilized."

The emergence of similar products in other prefectures, including Toyama, Okinawa and Hokkaido, has also contributed to the drop in sales.

According to Masanori Hiraoka of the Kochi Prefectural Deep-Sea Water Laboratory, however, products containing only a small amount of deep-sea water are the most profitable.

Hiraoka voiced disappointment that although the Kochi prefectural government had been involved in deep-sea water projects for 14 years, it had yet to explore its use in commercial fish farming.

"This is partly because the price of the water is too high to be used in fish farming, which requires constant supplies of seawater," he said.

In addition, researchers at the center are employees of the prefectural and municipal governments, and are transferred to different sections every few years, giving them few opportunities to pursue new ideas.

"The results of research and new technology have not been used to the laboratory's benefit," Hiraoka said, adding that he believed the future of the deep-sea water industry was in Hawaii.

To prove his point, he said NELHA provides deep-sea water for 2 yen to 3 yen per ton and also shoulders part of the cost of pumping the water to the surface.

NELHA pumps deep-sea water using the largest, deepest coldwater pipelines in the world. Its 100-centimeter diameter pipe can bring 73,000 tons of water to the surface a day and its 45-centimeter pipe, 16,000 tons.

A new pipeline of 140 centimeters in diameter, due for completion in December, will be able to pump 150,000 tons a day.

The water is used to cultivate a wide range of species at the authority, Lee said.

One NELHA tenant, for example, has created a near-perfect environment for abalone.

The firm's 4.04-hectare farm is stocked with more than 1.5 million abalone, which are regularly shipped to Japan.

Kahori Sakane, Daily Yomiuri Staff Writer

Copyright 2002 The Daily Yomiuri

Copyright 2002 The Yomiuri Shimbun/Daily Yomiuri. Source: Financial Times Information Limited - Asia Intelligence Wire.

2/7/13 (Item 10 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

24996267 (THIS IS THE FULLTEXT)

Salty source of income Health conscious develop thirst for

YOMIURI SHIMBUN/DAILY YOMIURI

September 18, 2002

Salty source of income *Health* conscious develop thirst for *deep*-
sea *water*

Kahori Sakane Daily Yomiuri Staff Writer

Yomiuri

Osaka

Products made with deep-sea water, particularly bottled water, have become an integral part of the health food boom ever since the Muroto municipal government in Kochi Prefecture began selling local deep-sea water to private firms in 1995.

Other firms across the country have jumped onto the bandwagon, producing bottled water and foodstuffs containing deep-sea water, such as tofu, bread and confectionery.

Most firms used water pumped from the depths surrounding Japan. But a firm in Osaka imports its deep-sea water from Hawaii, where marine biotechnology is more advanced.

Deep-sea water can be found at depths of more than 300 meters. Because

2/7/16 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

05237364 JICST ACCESSION NUMBER: 02A0701981 FILE SEGMENT: JICST-E
**Investigation Report of Possibility to Create Industry by utilizing the
Yanbaru Ocean Deep Water. The Fiscal Year of 2001. (Okinawa General
Office in Cabinet Bureau. S).**

Nanseichiikisangyokasseikase

Yanbaru Kaiyo Shinsosui no Rikatsuyo ni yoru Sangyo Soshutsu Kanosei Chosa
Hokokusho. Heisei 13 Nendo, 2002, PAGE.84P, FIG.19, TBL.18

JOURNAL NUMBER: N20021739P

UNIVERSAL DECIMAL CLASSIFICATION: 711.12+711.16

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

ABSTRACT: This paper reports the titled investigation about following
items. 1) Regional characteristics of Yanbaru (the outline of regional
characteristics of Yanbaru area, industries in Kunigami-mura, and basic
policy for improving Kunigami-mura area). 2) Characteristics of ocean
deep *water*. 3) *Ocean* *deep* *water* related industries (*ocean*
deep *water* related goods, *health* related fields, agriculture,
fisheries, and the whole trend). 4) Present conditions of existing
ocean deep water intakes and some approaches to it (water-intaking
state of ocean deep water, water-intaking system of ocean deep water,
examples in Kochi prefecture, Toyama prefecture, Okinawa prefecture and
Kanagawa prefecture, and approaches to brand-making). 5) The ideal way
of regional development in Yanbaru, (examination of adaptability to
Kunigami-mura, estimation of ocean deep water utilization related
facilities, and ideal way of regional development in Yanbaru utilizing
ocean deep water).

2/7/23 (Item 2 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014405329 **Image available**

WPI Acc No: 2002-226032/200228

**Floating swimming pool on sea, has deep sea water collecting device with
pump for supplying deep sea water collected by intake pipe, to pool**

Patent Assignee: KEINII KK (KEIN-N); MIZUTANI M (MIZU-I)

Inventor: MIZUTANI M

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020020010	A1	20020221	US 2001933517	A	20010820	200228 B
JP 2002059893	A	20020226	JP 2000250091	A	20000821	200231

Priority Applications (No Type Date): JP 2000250091 A 20000821

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
-----------	------	--------	----------	--------------

US 20020020010	A1	13	E02D-027/00	
----------------	----	----	-------------	--

JP 2002059893	A	10	B63B-035/73	
---------------	---	----	-------------	--

Abstract (Basic): US 20020020010 A1

NOVELTY - A deep sea water collecting device has intake pipe to
collect deep sea water which is supplied to the pool by a pump (6). The
pool is equipped with a propeller for moving to desired location. The
pool is moored at a fixed location by a mooring device such as anchor.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:

- (a) Accommodating facilities constructed in shore;
- (b) Dining facility constructed in shore;
- (c) Facilities of beauty shop/gymnasium placed in shore

USE - Floating swimming pool on sea with surrounding, accommodating, dining, fish breeding, hydroponic facilities and facilities of beauty shop/gymnasium.

ADVANTAGE - Promotes health and beneficial effect on *health* and beauty by bathing in *deep* *sea* *water* of open sea. The extensions in the bottom of the pool, prevent sharks from approaching the pool. Prevents the phenomenon of backflow that occurs during low tide. The swimmers can enjoy swimming without worrying about the weather or other hazards that exist in the open sea. The accommodation facilities, dining facilities, beauty shop/fitness gymnasium, fish breeding facilities, fishing pond facilities, hydroponic facilities built on the shore can use the already used deep sea water without washing the deep sea water.

DESCRIPTION OF DRAWING(S) - The figure shows a perspective view of the floating swimming pool in sea using deep sea water.

Pump (6)

pp; 13 DwgNo 2/6

Derwent Class: X25

International Patent Class (Main): B63B-035/73; E02D-027/00

International Patent Class (Additional): A01G-031/00; A01K-063/00;

A47K-003/00; E02B-013/00; E04H-003/16; E04H-004/00; E04H-009/00

2/7/29 (Item 2 from file: 728)

DIALOG(R)File 728:Asia/Pac News

(c) 2003 Dialog Corporation. All rts. reserv.

00997498 (THIS IS THE FULLTEXT)

Deep-sea water finding its way into food, drinks, cosmetics. High Mineral Content, Few Germs Appeal To Health Conscious

The Nikkei Weekly, p17

October 11 1999

TEXT:

Water pumped from the depths of the ocean is increasingly finding its way into foods and cosmetics.

Sea water at depths below 200 meters is rich in minerals, including magnesium, and contains few germs. Since last year, this *deep*-*sea* *water* has attracted the attention of *health*-conscious consumers.

Mura-kara Machi-kara Kan, a test-marketing outlet in Tokyo's Shibuya Ward, held an exhibition on Aug. 19-25 featuring food products made using deep-sea water, which included tofu, konnyaku (paste made from the starch of devil's-tongue), drinking water and salt.

Deep-sea tofu?

Daimaru Peacock supermarket began selling fine-grain tofu made with deep-sea water at chain stores in August 1998.

Although the product is priced approximately 30% higher than ordinary tofu, sales increased by 15% from July to August.

"Consumers are very concerned about the ingredients of their food products and are looking for high value-added products," a Daimaru Peacock official said.

Takashimaya Co. started selling Tenkai no Mizu deep-sea mineral water, produced by Akoh Kasei Co., at nine department stores in August. The 500-milliliter product is priced at 225 yen, and the 2-liter product is priced at 800 yen, approximately 50% higher than ordinary mineral water.

According to Takashimaya officials, middle-aged and older female customers appreciate the product's enriched minerals.

Moisturizer

Because deep-sea water contains few germs and helps keep the skin moist, it is also used in making cosmetics. Shu Uemura Cosmetics Ltd. in Tokyo's Minato Ward marketed Deepsea Water lotion in 1998. More than 700,000 units were sold in the first year, nearly three times the projected

figure.

Cosmetics company Kose Co. put products made with deep-sea water on the market in July.

Products made with deep-sea water are under development all over Japan. The Kochi prefectural government established a council to promote the use of deep-sea water pumped from points off the Morocco coast, while private companies in Okinawa Prefecture have formed an association to develop the production of deep-sea water.

Copyright (c) 1999 Nikkei (Nihon Keizai Shimbun, Inc.) All rights reserved.

?

08672143/9

DIALOG(R)File 702:Miami Herald

(c) 2003 The Miami Herald Publishing Co. All rts. reserv.

08672143

WATCHING PAINT FADE (AND OTHER JOYS OF SUMMER) SUBTROPICAL CLIMATE MAKES

SOUTH FLORIDA A HOT PRODUCT-TESTING SITE

Miami Herald (MH) - Thursday, June 20, 1996

By: LIZ DOUP Herald Staff Writer

Edition: FINAL Section: LIVING Page: 1F

Word Count: 1,311

TEXT:

You don't need a calendar to know today is the first day of summer.

It's wet. It's hot. It's humid.

It's so bad outside, actually, that it's good -- well, it is if you're Lon Hicks. Makes stuff fall apart faster, he says.

Which is just fine with Hicks, vice president of Sub-Tropical Testing Service in South Dade. Businesses pay experts like him to put their products to the test against the worst that a South Florida summer can offer.

You want to know how fast paint fades? How quickly rust forms? How long 'til mosquitoes will eat you alive?

Well, you're in the right place, because our subtropical climate is unique in the United States. Scientifically speaking, it creates an "accelerated environment."

"It's a triple whammy," Hicks says of our high heat and humidity and abundant rainfall.

"It's not just the heat and the wetness and the humidity," says Mike Crewdson, general manager of Q-Lab Weathering Research Service in South Dade, another paint-tester. "It's all of them combined."

That means materials such as paints and plastics deteriorate faster here than in more temperate areas. Two or three times as fast, weathering experts say. Together, the elements break down chemical bonds that keep the material intact. Unscientifically speaking, all heck breaks loose.

Businesses like the accelerated effect because they get their stuff on the shelves faster. Consumers have a stake in it, too, because they want something that lasts.

So at a half-dozen South Florida labs that specialize in testing products for car makers and paint companies, you see thousands of paint strips. . . fading.

At the Naval Surface Warfare Center inside John U. Lloyd Beach State Recreation Area in Hollywood, where the Navy tests ship materials, you see small squares of metal. . . corroding.

And because some private companies send their own staff south for firsthand testing, you see an occasional mosquito repellent tester deep in the Everglades. . . scratching.

The testing

Having things break down can be inconvenient and costly, even

dangerous. Especially corrosion on Navy ships, if ladders break, pipes burst and pumps fail. That's why the Navy adds even more stress to tests in an attempt to duplicate conditions on the high seas.

On its 8 1/2-acre test site at John U. Lloyd park, metal and alloy squares bake under a scorching sun day in and day out, as they have for four years.

Some of the squares look as blackened as charcoal briquettes. Others look destined for a bon voyage.

Dozens of ships leaving Port Everglades spew exhaust gases as they churn through the channel north of the test site. The hapless squares can't escape it. Which is good. It's the same blast of gas a ship gets when another passes on the briny blue.

Then every hour, a 10-minute sea-water bath bathes the squares -- just like an ocean spray. It's deep ocean water, too, not the shallow stuff that folks swim in. This is important, says Regis Conrad, the Navy's corrosion technology group leader, since shallow ocean water differs from deeper water in composition and salinity.

Hence the beach-side test-site location, which often raises eyebrows at the Pentagon, especially during budget-cutting time, says Conrad.

But there's science behind the decision, he argues -- so far, successfully. Specifically, the continental shelf is narrower in the Fort Lauderdale area than in any other spot in the continental United States, Conrad says. Deep sea water is accessible just 400 feet offshore, making it easy to pump to shore.

The testers

Still, the elements can't do all the dirty work. Test samples need to be inspected and evaluated.

At the Navy warfare center, for instance, some metal or alloy samples are evaluated every month; others every three or six months. Automotive paint samples, similarly, are usually checked every three months for five years.

So behind every test is a tester. They're a hearty lot. Though much testing is done inside labs with high-tech gizmos, South Florida's weather testers also spend a lot of time outdoors while you're snug in your air-conditioned home or office.

They are people like Mel Mollman, who, in 40 years working for Sub-Tropical Testing Service, figures he has studied a million paint panels, at least, at his company's Southwest 120th Street location. It takes him 30 seconds to read one 4-by-12-inch panel as carefully as a map. He checks for fading (a two-inch metal strip covers part of the original for comparison). He looks for mildew, for cracks, for peeling.

The allure of Art Deco pastels are lost on him.

"I just look and think, 'God, that's a terrible color,' " says Mollman, 68, whose own house is painted a conservative (think long-lasting) shade of tan. And his car? "Honda calls it Sunset Silver or something. But I think it's gold."

If Mollman's work is repetitious, at least it isn't painful, as Daniel Lawson's can be. Once or twice a year, Lawson, a Wisconsin-based research scientist for S.C. Johnson Wax, the makers of OFF!, a mosquito repellent, heads here for a little trek through the Everglades. Along with three other researchers, Lawson plays an important role: mosquito bait! He covers most

of his body with heavy cotton clothing, except for his arms and legs, which are slathered with various mixes of mosquito repellent.

He notes the time of the first of mosquito bite, then the second. Then, he covers the body part that's been sampled twice. The slow torture continues for two, three, four, five, six, seven. . . up to 12 hours.

"It's boring, tedious and painful," says Lawson, previously mosquito bait in Honduras, Belize, Michigan and Wisconsin. "A lot of people say that where they live, mosquitoes are the worst. In Minnesota, they call it their state bird. But Florida is the worst. All that standing water. In the summer, the mosquitoes are brutal, and it's 90 degrees and you're sweating."

Despite the worldwide attraction of the Everglades, Lawson doesn't return for vacation.

"It's beautiful," he says, trying to be tactful. "But we just want to get out of there."

The results Testers like Lawson do take heart in knowing their work is useful to the rest of us.

The Navy's Conrad notes that learning the best ways to delay corrosion helps not only the Navy, but maybe also you. The Navy tests materials provided by private businesses and shares its findings with them. So the testing has practical applications beyond Navy ships -- plumbing supplies, for instance, he says.

Then, there are the paint tests. Most cars and trucks today have "clear coats" covering the paint. The clear coats, like the final coat applied over nail polish to make it last, adds years to the paint. Many of these first were tested in South Florida, says Hicks, owner of Sub-Tropical.

As for Lawson, the research scientist sitting in his air-conditioned office in Racine, Wis., no job justification is needed. Mosquito repellent is a no-brainer. Would you hike in the Everglades summer without it?

cutlines

LONNIE TIMMONS III / Herald Staff

CORROSION TESTS: Metal squares are sprayed with salt water at the Naval Surface Warfare Center in Hollywood.

LONNIE TIMMONS III / Herald Staff

IS IT RUST YET?: At the Naval Surface Warfare Center in Broward, engineer Ron Simmons uses these containers, with pieces of metal inside, to conduct corrosion tests.

Photos by JEN FRIEDBERG / For The Herald

IN THE ELEMENTS: Sub-Tropical Testing Service's panels of paint are exposed to the sun in South Dade.

HIGH-TECH HELP: Mel Mollman of Sub-Tropical Testing examines a machine that accelerates the paint-weathering process.

CAPTION:

color photo: Sun-Tropical testing service's panel of paint (a), paint testing machine (a); photo: metal squares sprayed with salt water (a), Ron Simmons pieces of metals (a)

Copyright (c) 1996, The Miami Herald

File 387:The Denver Post 1994-2003/Apr 16
 (c) 2003 Denver Post
 File 392:Boston Herald 1995-2003/Apr 16
 (c) 2003 Boston Herald
 File 399:CA SEARCH(R) 1967-2003/UD=13816
 (c) 2003 American Chemical Society
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info
 File 440:Current Contents Search(R) 1990-2003/Apr 16
 (c) 2003 Inst for Sci Info
 File 476:Financial Times Fulltext 1982-2003/Apr 17
 (c) 2003 Financial Times Ltd
 File 484:Periodical Abs Plustext 1986-2003/Apr W2
 (c) 2003 ProQuest
 File 486: Press-Telegram 1992- 2003/Apr 16
 (c) 2003 Long Beach Press-Telegram
 File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
 (c) 2002 Phoenix Newspapers
 File 570:Gale Group MARS(R) 1984-2003/Apr 16
 (c) 2003 The Gale Group
 File 606:Africa News 1999-2003/Apr 17
 (c) 2003 Africa News Service Via Comtex
 File 608:KR/T Bus.News. 1992-2003/Apr 17
 (c) 2003 Knight Ridder/Tribune Bus News
 File 610:Business Wire 1999-2003/Apr 17
 (c) 2003 Business Wire.
 File 619:Asia Intelligence Wire 1995-2003/Apr 16
 (c) 2003 Fin. Times Ltd
 File 621:Gale Group New Prod.Annou.(R) 1985-2003/Apr 16
 (c) 2003 The Gale Group
 File 631:Boston Globe 1980-2003/Apr 16
 (c) 2003 Boston Globe
 File 635:Business Dateline(R) 1985-2003/Apr 17
 (c) 2003 ProQuest Info&Learning
 File 636:Gale Group Newsletter DB(TM) 1987-2003/Apr 16
 (c) 2003 The Gale Group
 File 640:San Francisco Chronicle 1988-2003/Apr 17
 (c) 2003 Chronicle Publ. Co.
 File 647:CMP Computer Fulltext 1988-2003/Mar W4
 (c) 2003 CMP Media, LLC
 File 649:Gale Group Newswire ASAP(TM) 2003/Apr 16
 (c) 2003 The Gale Group
 File 654:US PAT.FULL. 1976-2003/Apr 15
 (c) FORMAT ONLY 2003 THE DIALOG CORP.
 File 702:Miami Herald 1983-2003/Apr 16
 (c) 2003 The Miami Herald Publishing Co.
 File 707:The Seattle Times 1989-2003/Apr 16
 (c) 2003 Seattle Times
 File 712:Palm Beach Post 1989-2003/Apr 11
 (c) 2003 Palm Beach Newspapers Inc.
 File 714:(Baltimore) The Sun 1990-2003/Apr 16
 (c) 2003 Baltimore Sun
 File 717:The Washington Times Jun 1989-2003/Apr 16
 (c) 2003 Washington Times
 File 718:Pittsburgh Post-Gazette Jun 1990-2003/Apr 17
 (c) 2003 PG Publishing

Set	Items	Description
S1	260	(DEEPSEA OR DEEPOCEAN OR DEEP(2W)(SEA OR SEAS OR OCEAN?))(-5N)WATER(7N)(SPA OR SPAS OR SAUNA? OR TUB OR TUBS OR POOL? OR SOAK? OR BATH?)
S2	194	RD (unique items)
S3	45	S2/2001:2003
S4	149	S2 NOT S3
?		

show files;ds

File 2:INSPEC 1969-2003/Apr W1
(c) 2003 Institution of Electrical Engineers

File 5:Biosis Previews(R) 1969-2003/Apr W2
(c) 2003 BIOSIS

File 6:NTIS 1964-2003/Apr W2
(c) 2003 NTIS, Intl Cpyrght All Rights Res

File 8:Ei Compendex(R) 1970-2003/Apr W1
(c) 2003 Elsevier Eng. Info. Inc.

File 9:Business & Industry(R) Jul/1994-2003/Apr 16
(c) 2003 Resp. DB Svcs.

File 15:ABI/Inform(R) 1971-2003/Apr 17
(c) 2003 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2003/Apr 16
(c) 2003 The Gale Group

File 20:Dialog Global Reporter 1997-2003/Apr 17
(c) 2003 The Dialog Corp.

File 29:Meteor.& Geoastro.Abs. 1970-2002/Jul
(c) 2002 Amer.Meteorological Soc.

File 34:SciSearch(R) Cited Ref Sci 1990-2003/Apr W2
(c) 2003 Inst for Sci Info

File 47:Gale Group Magazine DB(TM) 1959-2003/Apr 15
(c) 2003 The Gale group

File 62:SPIN(R) 1975-2003/Mar W2
(c) 2003 American Institute of Physics

File 63:Transport Res(TRIS) 1970-2003/Mar
(c) fmt only 2003 Dialog Corp.

File 88:Gale Group Business A.R.T.S. 1976-2003/Apr 16
(c) 2003 The Gale Group

File 89:GeoRef 1785-2003/Apr B2
(c) 2003 American Geological Institute

File 94:JICST-EPlus 1985-2003/Apr W2
(c)2003 Japan Science and Tech Corp(JST)

File 98:General Sci Abs/Full-Text 1984-2003/Mar
(c) 2003 The HW Wilson Co.

File 103:Energy SciTec 1974-2003/Apr B1
(c) 2003 Contains copyrighted material

File 141:Readers Guide 1983-2003/Mar
(c) 2003 The HW Wilson Co

File 144:Pascal 1973-2003/Apr W1
(c) 2003 INIST/CNRS

File 148:Gale Group Trade & Industry DB 1976-2003/Apr 16
(c)2003 The Gale Group

File 185:Zoological Record Online(R) 1978-2003/Apr
(c) 2003 BIOSIS

File 211:Gale Group Newsearch(TM) 2003/Apr 16
(c) 2003 The Gale Group

File 262:CBCA Fulltext 1982-2003/Apr
(c) 2003 Micromedia Ltd.

File 292:GEOBASE(TM) 1980-2003/Apr
(c) 2003 Elsevier Science Ltd.

File 340:CLAIMS(R)/US Patent 1950-03/Apr 15
(c) 2003 IFI/CLAIMS(R)

File 345:Inpadoc/Fam.& Legal Stat 1968-2003/UD=200313
(c) 2003 EPO

File 347:JAPIO Oct 1976-2002/Dec(Updated 030402)
(c) 2003 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2003/Apr W01
(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030410,UT=20030403
(c) 2003 WIPO/Univentio

File 351:Derwent WPI 1963-2003/UD,UM &UP=200325
(c) 2003 Thomson Derwent

File 369:New Scientist 1994-2003/Apr W1
(c) 2003 Reed Business Information Ltd.

how files;ds

File 5: Biosis Previews(R) 1969-2003/Apr W2
(c) 2003 BIOSIS

File 20: Dialog Global Reporter 1997-2003/Apr 17
(c) 2003 The Dialog Corp.

File 34: SciSearch(R) Cited Ref Sci 1990-2003/Apr W2
(c) 2003 Inst for Sci Info

File 47: Gale Group Magazine DB(TM) 1959-2003/Apr 15
(c) 2003 The Gale group

File 73: EMBASE 1974-2003/Apr W2
(c) 2003 Elsevier Science B.V.

File 74: Int. Pharm. Abs 1970-2003/Apr B1
(c) 2003 Amer. Soc. of Health-Sys. Pharm.

File 88: Gale Group Business A.R.T.S. 1976-2003/Apr 16
(c) 2003 The Gale Group

File 144: Pascal 1973-2003/Apr W1
(c) 2003 INIST/CNRS

File 148: Gale Group Trade & Industry DB 1976-2003/Apr 16
(c) 2003 The Gale Group

File 149: TGG Health&Wellness DB(SM) 1976-2003/Apr W1
(c) 2003 The Gale Group

File 155: MEDLINE(R) 1966-2003/Apr W2
(c) format only 2003 The Dialog Corp.

File 156: ToxFile 1965-2002/Dec W4
(c) format only 2003 The Dialog Corporation

File 160: Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 258: AP News Jul 2000-2003/Apr 17
(c) 2003 Associated Press

File 315: ChemEng & Biotec Abs 1970-2003/Mar
(c) 2003 DECHEMA

File 340: CLAIMS(R)/US Patent 1950-03/Apr 15
(c) 2003 IFI/CLAIMS(R)

File 347: JAPIO Oct 1976-2002/Dec(Updated 030402)
(c) 2003 JPO & JAPIO

File 348: EUROPEAN PATENTS 1978-2003/Apr W01
(c) 2003 European Patent Office

File 351: Derwent WPI 1963-2003/UD,UM &UP=200325
(c) 2003 Thomson Derwent

File 353: Ei EnCompassPat(TM) 1964-200315
(c) 2003 Elsevier Eng. Info. Inc.

File 354: Ei EnCompassLit(TM) 1965-2003/Apr W2
(c) 2003 Elsevier Eng. Info. Inc.

File 440: Current Contents Search(R) 1990-2003/Apr 16
(c) 2003 Inst for Sci Info

File 442: AMA Journals 1982-2003/Aug B2
(c) 2003 Amer Med Assn -FARS/DARS apply

File 484: Periodical Abs Plustext 1986-2003/Apr W2
(c) 2003 ProQuest

File 489: The News-Sentinel 1991-2003/Apr 16
(c) 2003 Ft. Wayne Newspapers, Inc

File 492: Arizona Repub/Phoenix Gaz 19862002/Jan 06
(c) 2002 Phoenix Newspapers

File 494: St LouisPost-Dispatch 1988-2003/Apr 16
(c) 2003 St Louis Post-Dispatch

File 498: Detroit Free Press 1987-2003/Apr 16
(c) 2003 Detroit Free Press Inc.

File 501: Extel Intl News Cards 1995-2002/Mar W4
(c) 2002 Extel Financial Inc

File 536: (GARY) POST-TRIBUNE 1992-1999/Dec 30
(c) 2000 POST-TRIBUNE

File 608: KR/T Bus. News. 1992-2003/Apr 17
(c) 2003 Knight Ridder/Tribune Bus News

File 609: Bridge World Markets 2000-2001/Oct 01
(c) 2001 Bridge

File 614:AFP English Wire 1999-2003/Apr 16
(c) 2003 Agence France Press
File 619:Asia Intelligence Wire 1995-2003/Apr 16
(c) 2003 Fin. Times Ltd
File 620:EIU:Viewswire 2003/Apr 16
(c) 2003 Economist Intelligence Unit
File 633:Phil.Inquirer 1983-2003/Apr 16
(c) 2003 Philadelphia Newspapers Inc
File 635:Business Dateline(R) 1985-2003/Apr 17
(c) 2003 ProQuest Info&Learning
File 638:Newsday/New York Newsday 1987-2003/Apr 17
(c) 2003 Newsday Inc.
File 642:The Charlotte Observer 1988-2003/Apr 16
(c) 2003 Charlotte Observer
File 643:Grand Forks Herald 1995-2003/Apr 16
(c) 2003 Grand Forks Herald
File 649:Gale Group Newswire ASAP(TM) 2003/Apr 16
(c) 2003 The Gale Group
File 652:US Patents Fulltext 1971-1975
(c) format only 2002 The Dialog Corp.
File 654:US PAT.FULL. 1976-2003/Apr 15
(c) FORMAT ONLY 2003 THE DIALOG CORP.
File 701:St Paul Pioneer Pr Apr 1988-2003/Apr 13
(c) 2003 St Paul Pioneer Press
File 702:Miami Herald 1983-2003/Apr 16
(c) 2003 The Miami Herald Publishing Co.
File 704:(Portland)The Oregonian 1989-2003/Apr 15
(c) 2003 The Oregonian
File 706:(New Orleans)Times Picayune 1989-2003/Apr 16
(c) 2003 Times Picayune
File 707:The Seattle Times 1989-2003/Apr 16
(c) 2003 Seattle Times
File 708:Akron Beacon Journal 1989-2003/Apr 16
(c) 2003 Akron Beacon Journal
File 709:Richmond Times-Disp. 1989-2003/Apr 16
(c) 2003 Richmond Newspapers Inc
File 710:Times/Sun.Times(London) Jun 1988-2003/Apr 16
(c) 2003 Times Newspapers
File 711:Independent(London) Sep 1988-2003/Apr 16
(c) 2003 Newspaper Publ. PLC
File 712:Palm Beach Post 1989-2003/Apr 11
(c) 2003 Palm Beach Newspapers Inc.
File 713:Atlanta J/Const. 1989-2003/Apr 17
(c) 2003 Atlanta Newspapers
File 714:(Baltimore) The Sun 1990-2003/Apr 16
(c) 2003 Baltimore Sun
File 715:Christian Sci.Mon. 1989-2003/Apr 17
(c) 2003 Christian Science Monitor
File 717:The Washington Times Jun 1989-2003/Apr 16
(c) 2003 Washington Times
File 718:Pittsburgh Post-Gazette Jun 1990-2003/Apr 17
(c) 2003 PG Publishing
File 719:(Albany) The Times Union Mar 1986-2003/Apr 16
(c) 2003 Times Union
File 721:Lexington Hrlld.-Ldr. 1990-2003/Apr 16
(c) 2003 Lexington Herald-Leader

Set	Items	Description
S1	146	(DEEPSEA OR DEEPOCEAN OR DEEP(2W) (SEA OR SEAS OR WATER? OR OCEAN?)) (10N) (SPA OR SPAS OR SAUNA? OR TUB OR TUBS OR POOL? OR CONTAINER? OR SOAK? OR BATH) (10N) (FLOAT? OR BUOY? OR BOUY?)
S2	121	RD (unique items)
S3	15	S2/2001:2002
S4	106	S2 NOT S3
?		

Corp. Source Codes: 010265105; 422902

28 Jan 96 5p

Languages: English

Journal Announcement: GRAI9723

Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A01/MF A01

Descriptors: Echoes; *Reverberation; *Acoustic recording systems; Signal processing; Signal to noise ratio; Shallow *water*; *Bathymetry*; Replacement; Mapping; Noise; *Deep* *water*; *Ocean* bottom; Acoustic impedance; Digital recording systems; Deep scattering layers

4/3,K/7 (Item 2 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1576987 NTIS Accession Number: PB91-179499

Numerical Modeling of the Western Mediterranean (Modelisation Numerique de la Mediterranee Occidentale)

(Final rept)

Crepon, M. ; Madec, G. ; Chartier, M. ; Delecluse, P.

Paris-6 Univ. (France). Lab. d'Oceanographie Dynamique et de Climatologie.

Corp. Source Codes: 042902034;

Sponsor: CEA Centre d'Etudes Nucleaires de Fontenay-aux-Roses (France).; Direction des Recherches, Etudes et Techniques, Paris (France). Centre de Documentation de l'Armement.

15 Sep 90 44p

Languages: English

Journal Announcement: GRAI9114

Summary in French. Prepared in cooperation with CEA Centre d'Etudes Nucleaires de Fontenay-aux-Roses (France). Sponsored by Direction des Recherches, Etudes et Techniques, Paris (France). Centre de Documentation de l'Armement.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC E05/MF E05

Descriptors: Mathematical models; **Deep* *water*; **Ocean* circulation; *Thermal stratification; *Air *water* interactions; Mediterranean Sea; Three-dimensional calculations; Climatology; *Bathymetry*; Atmospheric temperature; Convective flow; Mesoscale phenomena; Cyclones; Vortex generators; Vortices; Vertical motion

4/3,K/8 (Item 3 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1555236 NTIS Accession Number: AD-A227 035/3

Properties of Thermal Staircases Off the Northeast Coast of South America, Spring and Fall 1985

(Journal article)

Boyd, J. D.

Naval Ocean Research and Development Activity, NSTL Station, MS.

Corp. Source Codes: 055026000; 392773

15 Jun 89 12p

Languages: English Document Type: Journal article

Journal Announcement: GRAI9108

Pub. in Jnl. of Geophysical Research, v94 nC6 p8303-8312, 15 Jun 89.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

Descriptors: Sea *water*; **Bathythermograph* data; *Deep* *water*; Atlantic *Ocean*; Salinity; Temperature; South America; Coastal regions; Tropical regions; Layers; Density; Vertical orientation; Reprints

4/3,K/9 (Item 4 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0894160 NTIS Accession Number: AD-A097 940/1/XAB

A Summary of Woods Hole Buoy Group Moored Stations for the POLYMODE Program

(Technical rept)

Bradley, K. F.

Woods Hole Oceanographic Institution, MA.

Corp. Source Codes: 015160000; 381000

Report No.: WHOI-81-15

Mar 81 67p

Languages: English

Journal Announcement: GRAI8117

Sponsored in part by Contract N00014-76-C-0197 and Grants NSF-GX-29054, NSF-OCE75-03962 and NSF-OCE77-19403.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A04/MF A01

Descriptors: Oceanographic equipment; Mooring buoys; Arrays; Deployment; *Deep* *oceans*; Flowmeters; *Ocean* currents; *Bathythermographs*; Sea *water*; Temperature measuring instruments; Pressure measurement

4/3,K/10 (Item 5 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0677119 NTIS Accession Number: AD-A049 023/5/XAB

A Summary of Current Observations between Iceland and Norway

(Technical note)

Dorey, S. W.

Naval Oceanographic Office Washington D C

Corp. Source Codes: 250450

Report No.: NOO-TN-6120-01-75

May 75 36p

Journal Announcement: GRAI7808

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

Descriptors: Ocean currents; *Oceanographic data; *Tables(Data); *North Atlantic Ocean; *North Sea; *Bathymetry*; Velocity; Seasonal variations; Norway; Iceland; *Deep* *water*; *Ocean* bottom topography

4/3,K/11 (Item 6 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0640360 NTIS Accession Number: PB-268 849/7/XAB

Spectral Band Positioning for Purposes of Bathymetry and Mapping Bottom Features from Satellite Altitudes

(Technical rept)

Lyzenga, D. R. ; Wezernak, C. T. ; Polcyn, F. C.

Environmental Research Inst. of Michigan, Ann Arbor. Infrared and Optics Div.

Corp. Source Codes: 408259

Sponsor: National Environmental Satellite Service, Washington, D.C.

Report No.: ERIM-115300-5-T; NOAA-77051116

Jan 76 61p

Journal Announcement: GRAI7718

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A04/MF A01

Descriptors: Ocean bottom; *Submarine topography; *Remote sensing; Visible spectrum; Marine atmospheres; Atmospheric attenuation; Mapping; Scientific satellites; *Bathymetry*; *Deep water*; *Ocean**ographic data*; Underwater light; Reflection; Mathematical analysis

4/3,K/12 (Item 7 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0617099 NTIS Accession Number: AD-808 314/9/XAB

Temperature, Salinity, and Density of the World'S Seas: South China Sea and Adjacent Gulfs

(Informal Manuscript)

La Violette, P. E. ; Frontenac, T. R.

Naval Oceanographic Office Washington D C

Corp. Source Codes: 250450

Report No.: NOO-IM-67-5

Feb 67 144p

Journal Announcement: GRAI7711

Distribution limitation now removed. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A07/MF A01

Descriptors: Oceanographic data; South china sea; Physical properties; *Bathythermograph* data; Salinity; Density; Distribution; Periodic variations; *Deep* *water*; Rainfall; *Ocean* currents; Shallow *water*; Gulfs; Straits; Wind; Pacific ocean; Ocean bottom topography; Continental shelves; Surface temperature; Temperature; Heat transfer...

4/3,K/13 (Item 8 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0616511 NTIS Accession Number: AD-804 990/0/XAB

Accurate Depth Recording of Large-Volume Sampling of Sea Water

(Informal manuscript)

Andersen, N. R. ; Morris, R. L.

Naval Oceanographic Office Washington D C

Corp. Source Codes: 250450

Report No.: NOO-IM-66-6

Aug 66 17p

Journal Announcement: GRAI7711

Distribution limitation now removed. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02/MF A01

Descriptors: Depth indicators; *Sea *water*; *Samplers; Oceanographic equipment; *Deep* submergence; *Oceanographic* data; *Bathythermograph* data; Salinity; Environmental tests; Performance(Engineering); Deep *water*

4/3,K/14 (Item 9 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0613800 NTIS Accession Number: AD-817 824/6/XAB

United States Naval Oceanographic Office Marine Geophysical Survey Program 1965-1967 North Atlantic Ocean, Norwegian Sea and Mediterranean Sea, Area 1 - Volume 5. Geology and Geophysics

(Final rept)

Texas Instruments Inc Dallas Science Services Div
Corp. Source Codes: 347675

Report No.: NOO-SP-95-1-5

1 Jun 67 104p

Journal Announcement: GRAI7710

Includes 1 packet of charts. See also Volume 7, AD-817 825L.

Distribution limitation now removed. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A06/MF A01

Descriptors: Marine geophysics; *Norwegian sea; Atlantic ocean; Hydrographic surveying; Ocean bottom topography; *Deep* *water*; *Oceanographic* ships; *Bathythermograph* data; Sedimentation; Faults(Geology); Geomagnetism; Reflectivity; Seismic waves; Ice islands; Echo ranging; Structural geology; Iceland...

4/3,K/15 (Item 10 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0613511 NTIS Accession Number: AD-816 087/1/XAB

Marine Geophysical Survey Program 65-67 Western North Atlantic and Eastern and Central North Pacific Oceans. Area II, Volume 6. Magnetism

(Final rept)

Vajk, R.

Alpine Geophysical Associates Inc Norwood N J
Corp. Source Codes: 402418

Report No.: NOO-SP-96-2-6

Nov 66 67p

Journal Announcement: GRAI7710

See also Area SF, Volume 6, dated Feb 67, AD-816 088L.

Distribution limitation now removed. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A04/MF A01

Descriptors: Atlantic ocean; *Marine geophysics; *Geomagnetism; Magnetic fields; Magnetic anomaly detection; *Bathythermograph* data; *Deep* *water*

; *Ocean* surveillance; Hydrographic surveying

4/3,K/16 (Item 11 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0613307 NTIS Accession Number: AD-815 281/1/XAB

Marine Geophysical Survey Program 65-67 Western North Atlantic and Eastern and Central North Pacific Oceans. Area I, Volume 9A. Catalog of Data

(Final rept)

Pike, T. M. ; Roccuzzo, E. M.

Alpine Geophysical Associates Inc Norwood N J

Corp. Source Codes: 402418

Report No.: NOO-SP-96-I-9A

Jan 67 44p

Journal Announcement: GRAI7710

See also Area 1, Volume 10, AD-815 280L.

Distribution limitation now removed. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

Descriptors: Marine geophysics; *Oceanographic data; Atlantic ocean; Pacific ocean; Hydrographic surveying; Ocean bottom topography; *Bathymograph* data; Oceanographic ships; *Deep* *water*; *Ocean* bottom; Navigation charts; Underwater sound; Underwater photography

4/3,K/17 (Item 12 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0610027 NTIS Accession Number: AD-821 944/6/XAB

Synoptic Analysis of a Portion of the Northwestern Sargasso Sea, June 1965

(Informal rept)

Fisher, A.

Naval Oceanographic Office Washington D C

Corp. Source Codes: 250450

Report No.: NOO-IR-67-25

Jul 67 22p

Journal Announcement: GRAI7709

Distribution limitation now removed. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02/MF A01

Descriptors: Oceanographic data; Atlantic ocean; *Bathymograph* data; Salinity; *Deep* *water*; *Oceanographic* ships; Correlation techniques; Surface properties; Shallow *water*; Surface temperature; Distribution; Errors

4/3,K/18 (Item 13 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0595350 NTIS Accession Number: AD-837 090/0/XAB

Comparison of Objective and Subjective Environmental Analyses

(Informal rept)

Thompson, B. J.

Naval Oceanographic Office Washington D C Oceanographic Prediction Div
Corp. Source Codes: 400887
Report No.: NOO-IR-68-34
May 68 36p

Journal Announcement: GRAI7705

Distribution limitation now removed. Order this product from NTIS by:
phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries);
fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is
located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

Descriptors: Oceanography; *Sea *water*; Atlantic ocean; Surface
temperature; Data processing; Thermoclines; Predictions; Accuracy;
Meteorological charts; Depth indicators; *Bathythermograph* data;
Automation; Errors; *Deep* *water*; *Oceans*; Weather forecasting;
Effectiveness

4/3,K/19 (Item 14 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

Q593136 NTIS Accession Number: AD-843 875/6/XAB

**Marine Geophysical Survey Program 65-67 Western North Atlantic and
Eastern and Central North Pacific Oceans. Area XVII, Volume 3. Bathymetry
and Subbottom Profiling**

(Final rept)

Harian, A. M.

Alpine Geophysical Associates Inc Norwood N J

Corp. Source Codes: 402418

Report No.: NOO-SP-96-XVII-3

May 68 123p

Journal Announcement: GRAI7704

See also Area 17, Volume 4, AD-833 860.

Distribution limitation now removed. Order this product from NTIS by:
phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries);
fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is
located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A06/MF A01

Descriptors: Marine geophysics; *Oceanographic data; Atlantic ocean;
Pacific ocean; Hydrographic surveying; *Deep* *water*; *Ocean* bottom
sampling; *Bathythermograph* data; Underwater sound; Sound transmission;
Ocean bottom topography; Continental shelves; Sedimentation; Erosion;
Oceanographic ships

4/3,K/20 (Item 15 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

Q577603 NTIS Accession Number: AD-871 592/2/XAB

Spatial Changes in Thermal Structure Near Argus Tower

Pickett, R. L. ; Beckner, C. F.

Naval Oceanographic Office Washington D C Marine Sciences Dept

Corp. Source Codes: 401263

Report No.: INFORMAL MANUSCRIPT-0-50-65

Dec 65 16p

Journal Announcement: GRAI7625

Distribution limitation now removed. Order this product from NTIS by:
phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries);
fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is
located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02/MF A01

Mrazek J.

ADDRESS: Mitteilung aus der Sektion Geologische Wissenschaften der Ernst-Moritz-Arndt-Universität Greifswald, DDR
Zeitschrift für Angewandte Geologie, 34/1 (8-11), 1988
DOCUMENT TYPE: Journal
LANGUAGES: German

The *bathymetric* bedding parameter of the *deep*-sea* muds, which were middled to the *water* depth, are deduced from function diagrams of the sedimentary carbonate contents. They are directly proportional...

4/3,K/110 (Item 6 from file: 292)
DIALOG(R)File 292:GEOBASE(TM)
(c) 2003 Elsevier Science Ltd. All rts. reserv.

00272699 SUPPLIER NO. 0711639
Eocene benthic foraminiferal biofacies of the New Jersey Transect.
Miller K.G.; Katz M.E.
ADDRESS: Lamont-Doherty Geological Observatory of Columbia Univ.,
Palisades, NY 10964, USA.
EDITOR(S): Poag C.W.; Watts A.B.; et al.
Initial reports DSDP, Leg 95, St. John's to Ft. Lauderdale, (267-298), 1987
PUBLISHER: US Govt. Printing Office; UK distributors, IPOD Committee,
NERC, Swindon
DOCUMENT TYPE: Book
LANGUAGES: English

...Bulimina alazanensis- Gyroidinoides spp. biofacies. Although this change could be attributed to local paleoceanographic or *water*-depth changes, we argue that it is the *bathyal* expression of a global *deep*-sea* benthic foraminiferal change with occurred across the middle/late Eocene boundary.
-from Authors

4/3,K/111 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

02287100 **Image available**
WATER INTAKE DEVICE FOR DEEP SEA WATER

PUB. NO.: 62-204000 [JP 62204000 A]
PUBLISHED: September 08, 1987 (19870908)
INVENTOR(s): ABE SADA
MAKITA HARUYOSHI
TAKAHASHI MAKOTO
APPLICANT(s): NIIGATA ENG CO LTD [000393] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 61-043558 [JP 8643558]
FILED: February 28, 1986 (19860228)
JOURNAL: Section: M, Section No. 670, Vol. 12, No. 57, Pg. 80,
February 20, 1988 (19880220)

ABSTRACT

...CONSTITUTION: An intake 1 for taking in *deep* *sea* *water* is connected to an intake *pool* 2 which is formed to have a depth lower than the sea level through a...

...water in the sea bottom part to flow from the intake 1 into the intake *pool* 2 through the pipe line 3. Accordingly, the *deep* *sea* *water* can be transported onto the land without need for using a power source, saving energy.

4/3,K/112 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01091998

Light pipe composition

Lichtleiter

Conduit de lumiere

PATENT ASSIGNEE:

ROHM AND HAAS COMPANY, (211422), 100 Independence Mall West,
Philadelphia, Pennsylvania 19106-2399, (US), (Applicant designated
States: all)

INVENTOR:

Ilenda, Casimir Stanislaus, 36 Sima Road, Holland, Pennsylvania 18966,
(US)

Leonard, Brian Francis, 3457 Fidler Street, Philadelphia, Pennsylvania
19114, (US)

Caro, Michael Thomas, 2369 Dixon Avenue, Philadelphia, Pennsylvania 19021
, (US)

LEGAL REPRESENTATIVE:

Horner, Martin Grenville et al (45942), Cruikshank & Fairweather 19 Royal
Exchange Square, Glasgow G1 3AE, Scotland, (GB)

PATENT (CC, No, Kind, Date): EP 959372 A2 991124 (Basic)
EP 959372 A3 000719

APPLICATION (CC, No, Date): EP 99303658 990511;

PRIORITY (CC, No, Date): US 86462 980522

DESIGNATED STATES: DE; FR; GB; IT; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G02B-001/04; G02B-006/16; C08K-005/00

ABSTRACT WORD COUNT: 49

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9947	439
SPEC A	(English)	9947	4714
Total word count - document A			5153
Total word count - document B			0
Total word count - documents A + B			5153

...SPECIFICATION signs, and the like; and, other specialty lighting, such
as in toys, underwater lighting, in *water* fountains, *pools*,
aquariums, *bath* *tubs*, hot *tubs*, *deep* *sea* diving, biological
research-catalyzing culture growth, plant growth, and the like.

In side-light applications...

4/3,K/113 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00787269

Improved cured composite and process therefor

Verbessertes, vernetztes Verbundmaterial und Verfahren zur Herstellung
dieses Materials

Amelioration apportee a un materiau composite reticule et son procede de
fabrication

PATENT ASSIGNEE:

ROHM AND HAAS COMPANY, (211422), 100 Independence Mall West,
Philadelphia, Pennsylvania 19106-2399, (US), (applicant designated
states: BE;DE;ES;FR;GB;IT)

INVENTOR:

Hallden-Abberton, Michael, 964 Whitney Lane, Maple Glen, Pennsylvania
19002, (US)

McLeod, Donald, Jr., 104 North State Road, Briarcliff Manor, New York

10510, (US)

Ritscher, James Stephen, 106 Shawnee Drive No. 2, Marietta, Ohio 45750,
(US)

Turner, Scot March, Route 8, Randolph Road, Marietta, Ohio 45750, (US)

LEGAL REPRESENTATIVE:

Horner, Martin Grenville et al (45941), Cruikshank & Fairweather 19 Royal

Exchange Square, Glasgow G1 3AE Scotland, (GB)

PATENT (CC, No, Kind, Date): EP 733452 A2 960925 (Basic)

EP 733452 A3 970910

APPLICATION (CC, No, Date): EP 96301549 960306;

PRIORITY (CC, No, Date): US 406605 950320

DESIGNATED STATES: BE; DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: B29B-011/14; B29B-011/10; B29C-047/06;

G02B-001/04; B29K-027/12; B29K-035/00; B29K-083/00; B29L-011/00;

B29L-023/00

ABSTRACT WORD COUNT: 70

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	691
SPEC A	(English)	EPAB96	3954
Total word count - document A			4645
Total word count - document B			0
Total word count - documents A + B			4645

...SPECIFICATION signs, and the like; and, other specialty lighting, such as in toys, underwater lighting, in *water* fountains, *pools*, aquariums, *bath* *tubs*, hot *tubs*, *deep* *sea* diving, biological research-catalyzing culture growth, plant growth, and the like. Other possible uses include...

4/3,K/114 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00654827

LEGAL REPRESENTATIVE:

Horner, Martin Grenville et al (45942), Cruikshank & Fairweather 19 Royal

Exchange Square, Glasgow G1 3AE, Scotland, (GB)

RELATED DIVISIONAL NUMBER(S) - PN (AN):

(EP 2002024368)

ABSTRACT WORD COUNT: 104

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	786
SPEC A	(English)	EPABF2	18016
Total word count - document A			18802
Total word count - document B			0
Total word count - documents A + B			18802

...SPECIFICATION displays, and highway signs; and, other specialty lighting, such as in toys, underwater lighting, in *water* fountains, *pools*, aquariums, *bath* *tubs*, hot *tubs*, *deep* *sea* diving, biological research-catalyzing culture growth, and plant growth. Other possible uses include: ionically conductive...

4/3,K/115 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00313786 **Image available**

METHOD AND APPARATUS FOR AMELIORATING AGING PROCESS
PROCEDE ET APPAREIL POUR AMELIORER LE PROCESSUS DE VIEILLISSEMENT

Patent Applicant/Assignee:

JACOBSON Jerry I,

Inventor(s):

JACOBSON Jerry I,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9531939 A1 19951130

Application: WO 95US6417 19950525 (PCT/WO US9506417)

Priority Application: US 94249244 19940525; US 95440896 19950524

Designated States: AM AU BB BG BR BY CA CN CZ EE FI GE HU JP KG KP KR KZ LK

LR LT LV MD MG MN MX NO NZ PL RO RU SI SK TJ TT UA UZ VN KE MW SD SZ UG

AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN

ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 14476

Fulltext Availability:

Detailed Description

Detailed Description

... cm) or copper wire, using

forty turns, is prepared in the form of a circular *pool* six feet *deep*

. *Water* level (*sea* *water* or salted distilled *water*), is

adjustable to accommodate the height of the human subjects. During

sunrise and sunset, subjects...

4/3,K/116 (Item 1 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

013559362

WPI Acc No: 2001-043569/200106

XRAM Acc No: C01-012902

Bath* preparation for dermatological disorders, contains cold *water

from *deep* *sea* layer of Toyama Bay

Patent Assignee: GOSHU YAKUHI KK (GOSH-N); TOYAMA KEN (TOYA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000290168	A	20001017	JP 9998324	A	19990406	200106 B

Priority Applications (No Type Date): JP 9998324 A 19990406

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000290168	A	4	A61K-007/50	

Bath* preparation for dermatological disorders, contains cold *water

from *deep* *sea* layer of Toyama Bay

Abstract (Basic):

... *Bath* preparation contains cold *water* from *deep* *sea* layer
of Toyama Bay and inorganic nutritive salts.

4/3,K/117 (Item 2 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

003390465

WPI Acc No: 1982-P8502E/198245

Water sampling bathometer - with sample tube closure looking depth

indicator discs in position

Patent Assignee: AS AZERB GEOFIZIRA (AAZG-R)

Inventor: ABASOV R A; IMAMALIEV T E; LOBKOV Y U A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 898281	B	19820115				198245 B

Priority Applications (No Type Date): SU 2851211 A 19800307

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
SU 898281	B		3		

...Abstract (Basic): A *bathometer*, for use in *deep*--*sea* soundings and in taking special *water* samples at given depths, includes two hinged samples tubes and a depth pick-up with...

4/3,K/118 (Item 3 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

003062123

WPI Acc No: 1981-G2160D/198127

High hermeticity water sampler - has drop weight actuated folding mechanisms for top and bottom hose on sampler tube

Patent Assignee: AS AZERB GEOFIZIKA (AAZG-R)

Inventor: LOBKOV Y U A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 763724	B	19800918				198127 B

Priority Applications (No Type Date): SU 2647842 A 19780718

...Abstract (Basic): *Bathometer* (*water* sampler) to take samples of *deep* *sea* *water* for checking the volume and the composition of gases in these samples consists of a

4/3,K/119 (Item 4 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

002060760

WPI Acc No: 1978-73824A/197841

Leather prodn. from the skin of the fish Eptatretus buergerii - by using water to wash, soften and remove water-soluble protein, removing subcutaneous fat, and soaking in lime acid and tanning soln.

Patent Assignee: KOKUSAI TSUSHO KK (KOKU-N); KOKUSAI TSUSHO KK (NITS)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 78033642	B	19780916				197841 B
JP 52148601	A	19771210				197841

Priority Applications (No Type Date): JP 7664629 A 19760604

...Abstract (Basic): Process comprises (a) *soaking* the salted skin of Eptatretus burgerii (an eel-like, *deep*--*sea* fish) in *water* for washing, softening and removal of water-soluble proteins; (b) removing subcutaneous fat; (c) soaking...

4/3,K/120 (Item 5 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

001911659

WPI Acc No: 1978-E0905A/197821

Water sampler for oceanography - uses lever operated bottom valve and non-return air vent on top of cylinder

Patent Assignee: AS UKR SEA HYDROPHY (AUSE-R)

Inventor: KASYANOV A V; SHEREMETEV V A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 562747	A	19771014				197821 B

Priority Applications (No Type Date): SU 2078235 A 19741125

...Abstract (Basic): New *bathometer* for shallow - and *deep* *sea* soundings and for sterile *water* sampling in hydrochemical and hydrological investigations combines simplicity of design with freedom from contamination of...

4/3,K/121 (Item 6 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

001520779

WPI Acc No: 1976-J3714X/197638

Bathometer for sealed water samples - with hinged weighted cylinder sliding on end cover when tripped

Patent Assignee: SHIRSHOV OCEANOLOGY TECH (SHIR-R); SHIRSOV OCEANOLOGY (SHIR-R)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 494647	A	19760316				197638 B

Priority Applications (No Type Date): SU 2020848 A 19740505

...Abstract (Basic): A *bathometer* for *deep*-*sea* *water* sampling is oceanological research ensures a reliable enclosure of *water* samples so that the gases dissolved in them can be investigated. The instrument consists of...

4/3,K/122 (Item 1 from file: 369)

DIALOG(R)File 369:New Scientist

(c) 2003 Reed Business Information Ltd. All rts. reserv.

00118477 15921419.900 (USE FORMAT 7 OR 9 FOR FULLTEXT)

The last word

New Scientist, vol. 159, no. 2141, p. 105

July 4, 1998

LANGUAGE: English RECORD TYPE: Fulltext DOC. TYPE: Journal

WORD COUNT: 1138

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...from the sky but it appears blue from outer space and from the perspective of *deep*-*sea* divers. And fresh *water* in a swimming *pool* looks green. What are the absorption mechanisms involved? Is pure water perfectly clear?

As you...

4/3,K/123 (Item 1 from file: 392)

DIALOG(R)File 392:Boston Herald

**M/ Method for ameliorating the aging process and the effects thereof
utilizing electromagnetic energy**

Inventor: Jacobson, Jerry I., 2006 Mainsail Cir., Jupiter, FL, 33477-1418

Assignee: Unassigned

Unassigned Or Assigned To Individual (Code: 68000)

Examiner: Lacyk, John P. (Art Unit: 331)

Law Firm: Ruden, McClosky, Smith, Schuster & Russell, PA

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6004257	A	19991221	US 95440896	19950524
CIP	Abandoned			US 94249244	19940525
Priority				US 95440896	19950524
				US 94249244	19940525

Fulltext Word Count: 12643

Description of the Invention:

...cm) or copper wire, using forty turns, is prepared in the form of a circular *pool* six feet *deep*. *Water* level (*sea* *water* or salted distilled *water*), is adjustable to accommodate the height of the human subjects. During sunrise and sunset, subjects...

4/3,K/140 (Item 2 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

(c) FORMAT ONLY 2003 THE DIALOG CORP. All rts. reserv.

3831003

Derwent Accession: 1996-426874

Utility

REASSIGNED

C/ Cured composite and process therefor; CURING A COEXTRUDED ACRYLIC COPOLYMER BLENDS COMPRISING REACTIVE MONOMER ACRYLIC SILANETRIOL, FREE RADICAL NITROXIDE AND A POLYMERIZATION CATALYST

Inventor: Hallden-Abberton, Michael, Maple Glen, PA

McLeod, Jr., Donald, Briarcliff Manor, NY

Ritscher, James S., Marietta, OH

Turner, Scot M., Marietta, OH

Assignee: Rohm and Haas Company (02), Philadelphia, PA

Rohm and Haas Co (Code: 72392)

Examiner: Vargot, Mathieu D. (Art Unit: 137)

Law Firm: Roger K. Graham, Patent Agent

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5616638	A	19970401	US 95406605	19950320
Priority				US 95406605	19950320

Fulltext Word Count: 5271

Summary of the Invention:

...signs, and the like; and, other specialty lighting, such as in toys, underwater lighting, in *water* fountains, *pools*, aquariums, *bath* *tubs*, hot *tubs*, *deep* *sea* diving, biological research-catalyzing culture growth, plant growth, and the like. Other possible uses include ...

4/3,K/141 (Item 3 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

(c) FORMAT ONLY 2003 THE DIALOG CORP. All rts. reserv.

3688109 **IMAGE Available
Derwent Accession: 1995-024099

Utility

REASSIGNED

CE/ Cured composite, processes and composition; MOLTEN CLADDING POLYMER,
CROSSLINKED ACRYLIC POLYMER CORE

Inventor: Bigley, Jr., Andrew B. W., Croydon, PA
Daecher, Jeffrey L., Sicklerville, NJ
Holy, Norman L., Penns Park, PA
Jerman, Robert E., Chalfont, PA
Johnson, Phelps B., Holland, PA
Work, William J., Huntington Valley, PA

Assignee: Rohm and Haas Company (02), Phila., PA
Rohm and Haas Co (Code: 72392)

Examiner: Thurlow, Jeffery R. (Art Unit: 137)

Combined Principal Attorneys: Graham, Roger K.; Frickey, Darryl P.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5485541	A	19960116	US 94236381	19940509
CIP	US 5406641	A		US 9376039	19930615
Priority				US 94236381	19940509
				US 9376039	19930615

Fulltext Word Count: 22860

Description of the Invention:

...signs, and the like; and, other specialty lighting, such as in toys,
underwater lighting, in *water* fountains, *pools*, aquariums, *bath*
tubs, hot *tubs*, *deep* *sea* diving, biological research-catalyzing
culture growth, plant growth, and the like. Other possible uses include
...

4/3,K/142 (Item 4 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

(c) FORMAT ONLY 2003 THE DIALOG CORP. All rts. reserv.

2873376 **IMAGE Available
Derwent Accession: 1988-154561

Utility

EXPIRED

M/ Apparatus for rearing fish in natural waters

Inventor: Whiffin, David E., 4003 Edinburgh Street, Vancouver, B. C., CA,
V5C 1R4

Assignee: Unassigned

UNASSIGNED OR ASSIGNED TO INDIVIDUAL (Code: 68000)

Examiner: Murtagh, John E. (Art Unit: 354)

Assistant Examiner: Dennison, Caroline D.

Law Firm: Chernoff, Vilhauer, McClung & Stenzel

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 4744331	A	19880517	US 86873410	19860612
Priority				CA 484029	19850614

Fulltext Word Count: 6995

Summary of the Invention:

...of phosphorus. Conversely, the deep waters are virtually saturated
with calcium phosphate. Additions to the *deep* *ocean* *pool* are

balanced by precipitation to the sediment. Upwelling of deep *water* to shallower waters is the only process which returns a portion of the phosphorus to...

4/3,K/143 (Item 5 from file: 654)
DIALOG(R)File 654:US PAT.FULL.
(c) FORMAT ONLY 2003 THE DIALOG CORP. All rts. reserv.

2217682 **IMAGE Available
Derwent Accession: 1979-13983B

Utility
REASSIGNED

M/ Method and apparatus for growing seafood in commercially significant quantities on land

Inventor: Pryor, Taylor A., 41-477 Kalaniano'le Hwy., Waimanalo, HI
Assignee: Unassigned

UNASSIGNED OR ASSIGNED TO INDIVIDUAL (Code: 68000)

Examiner: Chamblee, Hugh R. (Art Unit: 333)
Combined Principal Attorneys: Becker, Warren M.

	Publication Number	Kind	Date	Application Number	Filing Date
	-----	--	-----	-----	-----
Main Patent	US 4137868	A	19790206	US 76727944	19760929
Priority				US 76727944	19760929

Fulltext Word Count: 9060
Summary of the Invention:

...coupled to a source of brackish or salt water. The source of brackish or salt *water* is a deep well as of 60 feet *deep* or the *ocean*. To fill the inoculation *pools*, 3500 gallons of *water* from the deep well are pumped in each of the inoculating pools and the water ...

4/3,K/144 (Item 1 from file: 702)
DIALOG(R)File 702:Miami Herald
(c) 2003 The Miami Herald Publishing Co. All rts. reserv.

08672143

WATCHING PAINT FADE (AND OTHER JOYS OF SUMMER) SUBTROPICAL CLIMATE MAKES

SOUTH FLORIDA A HOT PRODUCT-TESTING SITE

Miami Herald (MH) - Thursday, June 20, 1996

By: LIZ DOUP Herald Staff Writer

Edition: FINAL Section: LIVING Page: 1F

Word Count: 1,311

...gets when another passes on the briny blue.

Then every hour, a 10-minute sea-*water* *bath* *bathes* the squares -- just like an ocean spray. It's *deep* *ocean* *water*, too, not the shallow stuff that folks swim in. This is important, says Regis Conrad...

4/3,K/145 (Item 1 from file: 707)
DIALOG(R)File 707:The Seattle Times
(c) 2003 Seattle Times. All rts. reserv.

09324170

TUG OF WHALE KEIKO'S KEEPERS ARE PLAYING FOR KEEPS

Seattle Times (SE) - Thursday November 20, 1997

By: TERRY MCDERMOTT TIMES STAFF COLUMNIST

Edition: FINAL Section: LOCAL NEWS Page: B1

Word Count: 2,003

TEXT:

... and Internet access, you can dial up a Web site in Oregon and stare through *deep* blue *sea* *water* at a big black and white fish swimming laps in a *pool* about the size of a high-school gymnasium. Sometimes, when the big fish isn't...

4/3,K/146 (Item 1 from file: 712)
DIALOG(R)File 712:Palm Beach Post
(c) 2003 Palm Beach Newspapers Inc. All rts. reserv.

09285151

AREA HOT PROPERTIES

Palm Beach Post (PB) - Sunday, October 12, 1997
Edition: FINAL Section: HOME AND GARDEN Page: 3H
Word Count: 412

...Beach

Number bedrooms/baths: 4/3

Square footage: 2,575 (living), 3,058 (total)

Amenities: *pool* home on Palm Beach Canal with *deep* *water* *ocean* access

Year built: 1969

Type home: single family

Sold by: Nancy Nauman, H.F. Borders...

4/3,K/147 (Item 2 from file: 712)
DIALOG(R)File 712:Palm Beach Post
(c) 2003 Palm Beach Newspapers Inc. All rts. reserv.

07172150

RESORTS OFFER GOLF AND MORE

Palm Beach Post (PB) - SUNDAY June 20, 1993
Edition: FINAL Section: TRAVEL Page: 9I
Word Count: 792

... par 61) golf course with aqua driving range; 13 tennis courts (seven lighted); three swimming *pools*; outdoor *spa*; jogging; bicycling; private beach; *deep*-*sea* fishing; powerboat and *water* scooter rental; 84-foot, double-deck river cruiser; marina (77 slips); kids program.

Rates: From...

4/3,K/148 (Item 1 from file: 714)
DIALOG(R)File 714:(Baltimore) The Sun
(c) 2003 Baltimore Sun. All rts. reserv.

10149045

'Sweet' summery holiday begins; Hot air, cool water, a Bay Bridge Web site welcome travelers; 'Break out the sunscreen'
THE BALTIMORE SUN (BS) - Saturday May 29, 1999

By: SUN STAFF @B John Rivera and Frank D. Roylance
Edition: FINAL
Section: TELEGRAPH

Karen Lehman EIC 3600 April 17, 2003

show files;ds
File 16:Gale Group PROMT(R) 1990-2003/Apr 16
(c) 2003 The Gale Group
File 20:Dialog Global Reporter 1997-2003/Apr 17
(c) 2003 The Dialog Corp.
File 94:JICST-EPlus 1985-2003/Apr W2
(c)2003 Japan Science and Tech Corp(JST)
File 148:Gale Group Trade & Industry DB 1976-2003/Apr 16
(c)2003 The Gale Group
File 180:Federal Register 1985-2003/Apr 17
(c) 2003 format only The DIALOG Corp
File 347:JAPIO Oct 1976-2002/Dec(Updated 030402)
(c) 2003 JPO & JAPIO
File 351:Derwent WPI 1963-2003/UD,UM &UP=200325
(c) 2003 Thomson Derwent
File 399:CA SEARCH(R) 1967-2003/UD=13816
(c) 2003 American Chemical Society
File 476:Financial Times Fulltext 1982-2003/Apr 17
(c) 2003 Financial Times Ltd
File 619:Asia Intelligence Wire 1995-2003/Apr 16
(c) 2003 Fin. Times Ltd
File 728:Asia/Pac News 1994-2003/Apr W2
(c) 2003 Dialog Corporation
File 990:NewsRoom Current 2003/Apr 17
(c) 2003 The Dialog Corp.
File 993:NewsRoom 2002/Jan-Dec
(c) 2003 The Dialog Corporation
File 994:NewsRoom 2001
(c) 2003 The Dialog Corporation

Set	Items	Description
S1	44	DEEP(3W)(SEA OR SEAS OR OCEAN)(3W)WATER(5N)HEALTH?
S2	33	RD (unique items)
?		